| Ref<br># | Hits | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|--|---|---------------------|---------|------------------|
| L5       | 2    | "6542729".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR .                | OFF     | 2005/07/19 16:44 |
| L6       | 0    | I5 and (card\$2 or smartcard\$2)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/07/19 16:46 |
| L7       | 4    | (smartcard\$2 or smart adj card\$2)<br>with unblock\$3 and<br>@ad<"20010820" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/07/19 16:46 |
| L9       | 1    | "20030037259".pn. and pair   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/07/19 19:26 |
| S1       | 3317 | 713/201.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/07/18 10:38 |
| S2       | 1895 | S1 and @ad<"20010820"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/02/14 18:00 |
| S3       | 2    | "6005942".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR .                | OFF     | 2005/02/14 18:01 |
| 54       | 2    | "5068894".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/02/14 18:01 |

| S5  | 2   | "5534857".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/02/14 18:01 |
|-----|-----|---|---|------|-----|------------------|
| S6  | 2   | "5742756".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/02/14 18:02 |
| S7  |     | "5838251".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | OFF | 2005/02/14 18:03 |
| S8  | 2   | "5850442".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/02/14 18:04 |
| S9  | 2   | "5907804".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/02/14 18:10 |
| S10 | 2   | "5943423".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/02/14 18:10 |
| S11 |     | "6138239".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/04/26 15:28 |
| S12 | 528 | unblock\$3 with (physical\$4 or<br>meeting or person\$5 or face-to-face<br>or face or remote\$2 or client\$5) and<br>@ad<"20010820" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/05/26 11:26 |

|     | 1    |   | ı   |    | r   |                  |
|-----|------|---|---|----|-----|------------------|
| S13 | 456  | unblock\$3 with (physical\$4 or meeting or personally or face-to-face or face or remote\$2 or client\$5) and @ad<"20010820"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/26 11:27 |
| S14 | 5    | unblock\$3 near (smartcard or card<br>or secur\$3 or device) with<br>(physical\$4 or meeting or personally<br>or face-to-face or face or remote\$2<br>or client\$5) and @ad<"20010820"      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/26 11:42 |
| S15 | 2    | "20020138445".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/26 11:34 |
| S16 | . 2  | S15 and unblock\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/26 11:34 |
| S17 | 1    | "5907804".pn. and unblock\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/26 11:40 |
| S18 | 57   | (unblock\$3 or un-block\$3) with (smartcard or card or secur\$3 or device) with (physical\$4 or meeting or personally or face-to-face or face or remote\$2 or client\$5) and @ad<"20010820" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/05 13:37 |
| S19 | 1485 | (reset\$4) with (smartcard or card or secur\$3 or device) with (physical\$4 or meeting or personally or face-to-face or face or remote\$2 or client\$5) and @ad<"20010820"                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/26 11:48 |
| S20 | 474  | (reset\$4) near2 (smartcard or card<br>or secur\$3 or device) with<br>(physical\$4 or meeting or personally<br>or face-to-face or face or remote\$2<br>or client\$5) and @ad<"20010820"     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/26 11:48 |

| 521 | 32    | (reset\$4) near2 (smartcard or card<br>or secur\$3 or device) with<br>(physical\$4 or meeting or personally<br>or face-to-face or face or remote\$2<br>or client\$5) same (password\$2 or<br>code\$2) and @ad<"20010820" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF  | 2005/05/26 11:49 |
|-----|-------|--|---|----|------|------------------|
| S22 | 2     | "20030037259".pn. and gateway  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF  | 2005/07/05 13:27 |
| S23 | 440   | (unblock\$3 or un-block\$3) near3<br>(smartcard or card or device) and<br>@ad<"20010820"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF  | 2005/07/05 14:52 |
| S24 | 19633 | (unblock\$3 or un-block\$3 or reset\$4) near3 (smartcard or card or device) and @ad<"20010820"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF  | 2005/07/05 13:38 |
| S25 | 96    | ((unblock\$3 or un-block\$3) and (smartcard or card or device)).ti. and @ad<"20010820"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF. | 2005/07/05 13:44 |
| S26 | 378   | S23 not S25  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF  | 2005/07/05 13:44 |
| S27 | 14005 | ((reset\$4 or \$3enabl\$3) and (smartcard or card or device)).ti. and @ad<"20010820"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF  | 2005/07/05 13:45 |
| S28 | 71    | ((reset\$4 or \$3enabl\$3) and (smartcard\$2 or smart near card\$2)).ti. and @ad<"20010820"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF  | 2005/07/05 13:45 |

| S29 | 2068 | (\$3lock\$3 or reset\$4 or re-enabl\$3 or reenabl\$3) near3 (smartcard or card or device) same ((\$3lock\$3 or reset\$4 or re-enabl\$3 or reenabl\$3) with (service or server)) and @ad<"20010820" not \$26               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/07/05 14:10   |
|-----|------|---|---|------|-----|--------------------|
| S30 | 770  | (\$3lock\$3 or reset\$4 or re-enabl\$3 or reenabl\$3) near (smartcard or card or device) same ((\$3lock\$3 or reset\$4 or re-enabl\$3 or reenabl\$3) with (service or server)) and @ad<"20010820" not \$26                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/07/05 14:11   |
| S31 | 103  | (\$3lock\$3 or reset\$4 or re-enabl\$3 or reenabl\$3) near (smartcard or card or (security with device)) same ((\$3lock\$3 or reset\$4 or re-enabl\$3 or reenabl\$3) with (service or server)) and @ad<"20010820" not S26 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | OFF | 2005/07/05 14:11   |
| S32 | 31   | (unblock\$3 or un-block\$3) near2<br>service and @ad<"20010820"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/07/05 14:58   |
| S33 | 26   | (unblock\$3 or un-block\$3) near<br>(service or server) and<br>@ad<"20010820"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/07/05 15:17   |
| S34 | 22   | (unblock\$3 or un-block\$3) same password and password and @ad<"20010820" not S33   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/07/05 15:42   |
| S35 | 2    | "5003594".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/07/05 15:17   |
| S36 | 903  | (unlock\$3 or un-lock\$3) same<br>password and @ad<"20010820" not<br>S33 not S34  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | · 2005/07/05 15:43 |

| S37 | 652 | (unlock\$3 or un-lock\$3) with password and @ad<"20010820" not S33 not S34 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF   | 2005/07/05 16:29 |
|-----|-----|--|---|----|-------|------------------|
| S38 | 2   | "6490601".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF   | 2005/07/05 16:29 |
| S39 | 2   | "5590038".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF . | 2005/07/18 08:05 |
| S40 | 0   | EP820207.pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF   | 2005/07/18 08:05 |
| S41 | 4   | "820207".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>ÉPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF   | 2005/07/18 15:04 |
| S42 | 2   | "5237614".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF . | 2005/07/18 08:20 |
| S43 | 1   | "19941550".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF   | 2005/07/18 08:32 |
| S44 | . 2 | "6877097".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF . | 2005/07/18 10:14 |

| S45              | 1720 | (unblock\$3 or unlock\$3) near<br>(system or service) and<br>@ad<"20010820"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF · | 2005/07/18 10:56 |
|------------------|------|---|---|------|-------|------------------|
| S46              | 209  | (unblock\$3 or unlock\$3) near<br>(system or service) same (compar\$3<br>or "same" or match\$3) and<br>@ad<"20010820" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF   | 2005/07/18 11:13 |
| S47              | 2    | "6138239".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF   | 2005/07/18 11:08 |
| S48              | 8    | (unblock\$3 or unlock\$3) near<br>(service) same (compar\$3 or<br>"same" or match\$3) and<br>@ad<"20010820"           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF   | 2005/07/18 11:14 |
| S49              | 8769 | (unblock\$3 or unlock\$3) with (compar\$3 or "same" or match\$3) and @ad<"20010820"                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | OFF   | 2005/07/18 11:15 |
| S50 <sup>-</sup> | 177  | S49 and ("380"/\$.ccls. or "713"/\$.<br>ccls.)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF   | 2005/07/18 12:32 |
| S51              | 2    | "20030037259".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF   | 2005/07/18 12:33 |
| S52              | 2    | S51 and gateway   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF   | 2005/07/18 12:38 |

| S53 | 283    | 713/153.ccls. and @ad<"20010820"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/18 12:42 |
|-----|--------|--|---|----|-----|------------------|
| S54 | 75     | S53 and (unlock\$3 or unblock\$3 or activat\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/18 13:02 |
| S55 | 216    | (713/182.ccls. or 713/183.ccls.) and @ad<"20010820" and (activat\$3 or unblock\$3 or unlock\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/18 13:41 |
| S56 | 183908 | (compar\$3 or "same" or match\$3) same (activat\$3 or unlock\$3 or unblock\$3) and @ad<"20010820"                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/18 13:46 |
| S57 | 6207   | (compar\$3 or "same" or match\$3) same (activat\$3 or unlock\$3 or unblock\$3) near2 (device or card) and @ad<"20010820"               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/18 13:47 |
| S58 | 4981   | ("same" or match\$3) same<br>(activat\$3 or unlock\$3 or<br>unblock\$3) near2 (device or card)<br>and @ad<"20010820"                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/18 13:48 |
| S59 | 1907   | ("same" or match\$3) with (activat\$3 or unlock\$3 or unblock\$3) near2 (device or card) and @ad<"20010820"                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/18 13:52 |
| S60 | 184    | ("same" or match\$3) with (activat\$3 or unlock\$3 or unblock\$3) near2 (device or card) same (password or code\$2) and @ad<"20010820" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/18 13:52 |

| S61 | 125 | ("same" or match\$3) with (password or code\$2) with (activat\$3 or unlock\$3 or unblock\$3) near2 (device or card) and @ad<"20010820" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | OFF | 2005/07/18 13:52 |
|-----|-----|--|---|---------|-----|------------------|
| S62 | 12  | "5572571".pn. "5557676".pn. "5329578".pn. "5301234".pn. "5301223".pn. "5077790".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | OFF | 2005/07/18 15:36 |
| S63 | 723 | check\$3 near2 periodically and (ESN or MIN) and @ad<"20010820"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | OFF | 2005/07/18 15:37 |
| S64 | 6   | check\$3 near2 periodically with (ESN or MIN) and @ad<"20010820"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR .    | OFF | 2005/07/18 15:50 |
| S65 | 542 | periodically with (ESN or MIN) and @ad<"20010820"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | OFF | 2005/07/18 15:51 |
| S66 | 12  | periodically with (ESN or MIN) with generat\$3 and @ad<"20010820"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR<br>· | OFF | 2005/07/18 15:54 |
| S67 | 0   | periodically with (ESN or MIN) with<br>generat\$3 and @ad<"20010820"<br>and (mobile with identification with<br>number\$2)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | OFF | 2005/07/18 15:54 |
| S68 | 1   | periodically with (ESN) with generat\$3 and @ad<"20010820"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | OFF | 2005/07/18 16:00 |

| CCC |     | 1 140 201 - 3 10 11 11  | 110 0000  | -       | 2== | 2005/07/10 10 51 |
|-----|-----|---|---|---------|-----|------------------|
| S69 | 0   | check\$3 with periodically with password near generat\$3 and @ad<"20010820"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR .    | OFF | 2005/07/18 16:01 |
| S70 | 13  | check\$3 with periodically with password and @ad<"20010820"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | OFF | 2005/07/18 16:03 |
| S71 | 4   | periodically with password near<br>generat\$3 and @ad<"20010820"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR<br>· | OFF | 2005/07/18 16:07 |
| S72 | 296 | periodically with (code or password) near2 generat\$3 and @ad<"20010820" not S71  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | OFF | 2005/07/18 16:08 |
| S73 | 173 | periodically with (code or password) near generat\$3 and @ad<"20010820" not S71   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | OFF | 2005/07/18 16:08 |
| S74 | 5   | periodically with (code near<br>((security or authentication) or<br>password)) near generat\$3 and<br>@ad<"20010820" not S71                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | OFF | 2005/07/18 16:10 |
| S76 | 41  | periodically with (code near<br>((security or authentication) or<br>password)) and @ad<"20010820"<br>not S71 not S74                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | OFF | 2005/07/18 16:10 |
| S78 | 4   | (check\$3 or poll\$3) near2<br>periodically with (code near<br>((security or authentication) or<br>password)) and @ad<"20010820"<br>not S71 not S74 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | OFF | 2005/07/18 16:31 |

| S79 | 28  | check\$3 near2 frequenc\$3 and (code near ((security or authentication) or password)) and @ad<"20010820" not S71 not S74                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/07/18 16:15 |
|-----|-----|--|---|------|-----|------------------|
| S80 | 1   | check\$3 near2 every near2<br>second\$2 and (code near ((security<br>or authentication) or password))<br>and @ad<"20010820" not S71 not<br>S74 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/07/18 16:18 |
| S81 | 24  | check\$3 near2 periodic\$4 and password near2 generat\$4 and @ad<"20010820" not S71 not S74  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | OFF | 2005/07/18 16:19 |
| S82 | 1   | check\$3 near2 periodic\$4 with password near2 generat\$4 and @ad<"20010820" not S71 not S74   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/07/18 16:47 |
| S83 | 265 | check\$3 near2 periodic\$4 with generat\$4 and @ad<"20010820" not S71 not S74  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/07/18 16:19 |
| S84 | 54  | check\$3 near2 periodic\$4 near2<br>generat\$4 and @ad<"20010820"<br>not S71 not S74   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | OFF | 2005/07/18 16:20 |
| S85 | 11  | check\$3 near2 periodic\$4 near2<br>generated and @ad<"20010820"<br>not S71 not S74  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/07/18 16:22 |
| S86 | 24  | check\$3 near2 frequenc\$3 near2<br>generated and @ad<"20010820"<br>not S71 not S74  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/07/18 16:22 |

| S87 | 1      | poll\$3 with password near2   | US-PGPUB;   | OR | OFF | 2005/07/18 16:34 |
|-----|--------|---|---|----|-----|------------------|
| 337 | •      | generat\$3 and @ad<"20010820"<br>not S71 not S74  | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              |    | OH  | 2003/07/16 10.34 |
| S88 | 981125 | check\$3 every near2 (second\$2 or day\$2) with password near2 generat\$3 and @ad<"20010820" not S71 not S74      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/18 16:35 |
| S89 | 1      | check\$3 with every near2 (second\$2 or day\$2) with password near2 generat\$3 and @ad<"20010820" not S71 not S74 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/18 16:43 |
| S90 | 0      | check\$3 with period near2 time with password near2 generat\$3 and @ad<"20010820" not S71 not S74                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/18 16:43 |
| S91 |        | period near2 time with password<br>near2 generat\$3 and<br>@ad<"20010820" not S71 not S74                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/18 16:44 |
| S92 | . 0    | unblock\$3 near code with (smartcard or (smart near card)) and @ad<"20010820"                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/18 16:48 |
| S93 | 1      | unblock\$3 near signal with<br>(smartcard or (smart near card))<br>and @ad<"20010820"                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/18 16:51 |
| S94 | 2      | "6804699".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/18 16:53 |

| ·        |    |   |   | <del></del> |     |                  |
|----------|----|---|---|-------------|-----|------------------|
| S95      | 1  | S94 and period\$5   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | OFF | 2005/07/19 09:02 |
| S96      |    | "6804699".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | OFF | 2005/07/19 09:02 |
| S97      | 0  | S96 and (card or smartcard)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | OFF | 2005/07/19 09:02 |
| S98      | 0  | S96 and (card\$2 or smartcard\$2)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | OFF | 2005/07/19 09:03 |
| S99      | 11 | "6542729".pn. "6362736".pn.<br>"6333684".pn. "6300863".pn.<br>"5757271".pn.                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | OFF | 2005/07/19 09:05 |
| S10<br>0 | 4  | S99 and (unlock\$3 or unblock\$3 or activat\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | OFF | 2005/07/19 09:09 |
| S10<br>1 | 7  | S99 not S100  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | OFF | 2005/07/19 09:09 |
| S10<br>2 | 18 | check\$3 near2 (particular or certain<br>or configurable) near2 frequency<br>and @ad<"20010820" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | OFF | 2005/07/19 09:18 |

| S10<br>3 | 9509 | check\$3 near2 periodic\$4 and @ad<"20010820"                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/07/19 09:18 |
|----------|------|--|---|------|-----|------------------|
| S10<br>4 | 8135 | check\$3 near periodic\$4 and<br>@ad<"20010820"                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/07/19 09:19 |
| S10<br>5 | 173  | check\$3 near periodic\$4 with produc\$3 and @ad<"20010820"                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/07/19 09:20 |
| S10<br>6 | 27   | check\$3 near periodic\$4 with produced and @ad<"20010820"                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | OFF | 2005/07/19 09:23 |
| S10<br>7 | 441  | check\$3 near periodic\$4 with status and @ad<"20010820"                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/07/19 09:25 |
| S10<br>8 | 19   | check\$3 near periodic\$4 with update\$2 with status and @ad<"20010820"    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/07/19 09:34 |
| S10<br>9 | 1    | check\$3 near periodic\$4 same password with generat\$3 and @ad<"20010820" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | OFF | 2005/07/19 09:35 |
| S11<br>0 | 38   | (periodic\$4 or frequency) with generat\$ near yet and @ad<"20010820"      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/07/19 09:39 |

| S11<br>1 | 4     | (periodic\$4) with generat\$ near yet<br>and @ad<"20010820"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 09:40 |
|----------|-------|--|---|----|-----|------------------|
| S11<br>2 | 0     | continually with generat\$ near yet and @ad<"20010820"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 09:40 |
| S11<br>3 | 49721 | (continually or continuously) with generat\$ and @ad<"20010820"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 09:40 |
| S11<br>4 | 7     | (continually or continuously) with password near2 generat\$ and @ad<"20010820"                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 09:42 |
| S11<br>5 | 0     | (continually or continuously) near2 check\$3 with password near2 generat\$ and @ad<"20010820"          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 09:42 |
| S11<br>6 | 5     | (continually or continuously) near2<br>check\$3 with password and<br>@ad<"20010820"                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 09:44 |
| S11<br>7 | 162   | (continually or continuously) near2<br>check\$3 with generat\$3 and<br>@ad<"20010820"                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 09:44 |
| S11<br>8 | 2     | (user or client) near2 (continually or continuously) near2 check\$3 with generat\$3 and @ad<"20010820" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 09:44 |

| S11<br>9 | 0    | check\$3 near configurable adj<br>frequency and @ad<"20010820"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/07/19 10:22 |
|----------|------|--|---|------|-----|------------------|
| S12<br>0 | 27   | configurable adj frequency and<br>@ad<"20010820"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/07/19 10:23 |
| S12<br>1 | 2    | "6542729".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/07/19 11:29 |
| S12<br>2 | 2369 | permanently near (block\$2 or lock\$2) and @ad<"20010820"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/07/19 11:30 |
| S12<br>3 | 89   | permanently adj (block\$2 or lock\$2) same (unblock\$3 or unlock\$3) and @ad<"20010820"                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/07/19 11:31 |
| S12<br>4 | 7    | (check\$3 or determin\$3) with permanently adj (block\$2 or lock\$2) same (unblock\$3 or unlock\$3) and @ad<"20010820" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/07/19 11:32 |
| S12<br>5 | 27   | (check\$3 or determin\$3) with permanently adj (block\$2 or lock\$2) and @ad<"20010820" not S124                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/07/19 11:33 |
| S12<br>6 | 0    | (verif\$4) with permanently adj<br>(block\$2 or lock\$2) and<br>@ad<"20010820" not S124                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR · | OFF | 2005/07/19 11:33 |

| S12<br>7 |       | (verif\$4) with permanently adj<br>(block\$2 or lock\$2 or deactivat\$3)<br>and @ad<"20010820" not S124                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/07/19 11:34 |
|----------|-------|---|---|------|-----|------------------|
| S12<br>8 |       | (check\$3 or determin\$3) with<br>permanently adj (block\$2 or lock\$2<br>or deactivat\$3) and<br>@ad<"20010820" not S124 not<br>S125 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | OFF | 2005/07/19 11:55 |
| S12<br>9 | 64    | generat\$3 near new near password and @ad<"20010820"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/07/19 12:05 |
| S13<br>0 | 1047  | generat\$3 near password and @ad<"20010820"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/07/19 12:05 |
| S13<br>2 | 131 - | generat\$3 near password with transmit\$3 and @ad<"20010820"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/07/19 12:08 |
| S13<br>3 | 6     | (check\$3 or determin\$4 or verif\$4) near2 permanently near2 (block\$3 or lock\$3 or disabled or deactivat\$3) and @ad<"20010820"    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/07/19 12:17 |
| S13<br>4 | 5007  | permanently near2 (block\$3 or lock\$3 or disabled or deactivat\$3) and @ad<"20010820"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/07/19 12:17 |
| S13<br>5 | 3454  | permanently near (block\$3 or lock\$3 or disabled or deactivat\$3) and @ad<"20010820"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2005/07/19 12:20 |

| S13<br>6 | 0    | mak\$3 near sure with permanently<br>near (block\$3 or lock\$3 or disabled<br>or deactivat\$3) and<br>@ad<"20010820"                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 12:18 |
|----------|------|---|---|----|-----|------------------|
| S13<br>7 | 0    | "not" with permanently near (block\$3 or lock\$3 or disabled or deactivat\$3) and @ad<"20010820"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 12:18 |
| S13<br>8 | 213  | (check\$3 or determin\$3 or confirm\$3 or verif\$4) with temporarily near (block\$3 or lock\$3 or disabled or deactivat\$3) and @ad<"20010820"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 12:19 |
| S13<br>9 | 27   | (check\$3 or determin\$3 or confirm\$3 or verif\$4) near2 temporarily near (block\$3 or lock\$3 or disabled or deactivat\$3) and @ad<"20010820" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 12:19 |
| S14<br>0 | 9    | (check\$3 or determin\$3 or confirm\$3 or verif\$4) near2 temporarily near (blocked or lock\$3 or disabled or deactivat\$3) and @ad<"20010820"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 12:20 |
| S14<br>1 | 1856 | permanently near (blocked or locked<br>or disabled or deactivated) and<br>@ad<"20010820"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 12:21 |
| S14<br>2 | 1689 | permanently adj (blocked or locked<br>or disabled or deactivated) and<br>@ad<"20010820"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 12:24 |
| S14<br>3 | 41   | S142 and ("713"/\$.ccls. or "380"/\$.<br>ccls)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 12:23 |

| S14<br>4 | 113 | permanently adj (blocked or locked<br>or disabled or deactivated) same<br>(check\$3 or determin\$3) and<br>@ad<"20010820" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 12:25 |
|----------|-----|---|---|----|-----|------------------|
| S14<br>5 | 18  | S143 and S144   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/07/19 12:25 |